Nelson

RECEIVED Page 1 of 7

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RAW SEQUENCE LISTING              DATE: 08/24/2000
PATENT APPLICATION:  US/09/469,812   TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
Output Set: N:\CRF3\08232000\I469812.raw

         SEQUENCE LISTING
 4 (1) GENERAL INFORMATION:
 6      (i) APPLICANT: Stuiver, Maarten
 7                     Ponstein, Anne
 8                     Ohl, Stephan
 9                     Goddijn, Oscar
10                     Simons, Lambertus
11                     Dekker, Bernardus
12                     Hoekstra, Sietske
13                     Tigelaar, Hendrik
14                     Elzinga, Nicolas
16     (ii) TITLE OF INVENTION: Plasmids For Plant Transformation And
17                          Method For Using The Same
19    (iii) NUMBER OF SEQUENCES: 19
21     (iv) CORRESPONDENCE ADDRESS:
22          (A) ADDRESSEE: Zeneca Ag Products Inc.
23          (B) STREET: 1800 Concord Pike
24          (C) CITY: Wilmington
25          (D) STATE: DE
26          (E) COUNTRY: USA
27          (F) ZIP: 19850
29      (v) COMPUTER READABLE FORM:
30          (A) MEDIUM TYPE: Floppy disk
31          (B) COMPUTER: IBM PC compatible
32          (C) OPERATING SYSTEM: PC-DOS/MS-DOS
33          (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
35     (vi) CURRENT APPLICATION DATA:
C--> 36          (A) APPLICATION NUMBER: US/09/469,812
C--> 37          (B) FILING DATE: 22-Dec-1999
38          (C) CLASSIFICATION:
44    (vii) PRIOR APPLICATION DATA:
41          (A) APPLICATION NUMBER: EP 97201990.5
42          (B) FILING DATE: 30-JUN-1997
45          (A) APPLICATION NUMBER: PCT/EP98/04171
46          (B) FILING DATE: 29-JUN-1998
48   (viii) ATTORNEY/AGENT INFORMATION:
49          (A) NAME: Hohenschutz, Liza D.
50          (B) REGISTRATION NUMBER: 33,712
51          (C) REFERENCE/DOCKET NUMBER: MOG 57688/UST
53     (ix) TELECOMMUNICATION INFORMATION:
54          (A) TELEPHONE: (302) 886-1699
57 (2) INFORMATION FOR SEQ ID NO: 1:
59      (i) SEQUENCE CHARACTERISTICS:
60          (A) LENGTH: 21 base pairs
61          (B) TYPE: nucleic acid
62          (C) STRANDEDNESS: single
63          (D) TOPOLOGY: linear
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            RAW SEQUENCE LISTING              DATE: 08/24/2000
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            Input Set : A:\MOG57688 US SEQ LISTING .txt
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     65      (ii) MOLECULE TYPE: cDNA
     67      (iii) HYPOTHETICAL: NO
C--> 69      (iv) ANTI-SENSE: NO
     73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
     75 GATGGCAAAC GCTAATAAGG G                        21
     77 (2) INFORMATION FOR SEQ ID NO: 2:
     79       (i) SEQUENCE CHARACTERISTICS:
     80            (A) LENGTH: 21 base pairs
     81            (B) TYPE: nucleic acid
     82            (C) STRANDEDNESS: single
     83            (D) TOPOLOGY: linear .
     85      (ii) MOLECULE TYPE: cDNA
     87      (iii) HYPOTHETICAL: NO
C--> 89      (iv) ANTI-SENSE: NO
     93      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
     95 GAGCGGGTTT AACCTACTTC C                        21
     97 (2) INFORMATION FOR SEQ ID NO: 3:
     99       (i) SEQUENCE CHARACTERISTICS:
    100            (A) LENGTH: 39 base pairs
    101            (B) TYPE: nucleic acid
    102            (C) STRANDEDNESS: single
    103            (D) TOPOLOGY: linear
    105      (ii) MOLECULE TYPE: cDNA
    107      (iii) HYPOTHETICAL: NO
C--> 109      (iv) ANTI-SENSE: NO
    113      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
    115 CTGTTGTCGA CGGCTGGCTG GTGGCAGGAT ATATTGTGG       39
    117 (2) INFORMATION FOR SEQ ID NO: 4:
    119       (i) SEQUENCE CHARACTERISTICS:
    120            (A) LENGTH: 38 base pairs
    121            (B) TYPE: nucleic acid
    122            (C) STRANDEDNESS: single
    123            (D) TOPOLOGY: linear
    125      (ii) MOLECULE TYPE: cDNA
    127      (iii) HYPOTHETICAL: NO
C--> 129      (iv) ANTI-SENSE: NO
    133      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
    135 CCAGCCGTCG ACAACAGCTC CCCGACCGGC AGCTCGGC        38
    137 (2) INFORMATION FOR SEQ ID NO: 5:
    139       (i) SEQUENCE CHARACTERISTICS:
    140            (A) LENGTH: 44 base pairs
    141            (B) TYPE: nucleic acid
    142            (C) STRANDEDNESS: single
    143            (D) TOPOLOGY: linear
    146      (ii) MOLECULE TYPE: cDNA
    148      (iii) HYPOTHETICAL: NO
C--> 150      (iv) ANTI-SENSE: NO
    154      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
    156 TCGACGGGGT GCCTGGGGCG GTGGCGGGGC GGGCCGGGGC GTGC   44
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/469,812

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158  (2) INFORMATION FOR SEQ ID NO: 6:
160       (i) SEQUENCE CHARACTERISTICS:
161           (A) LENGTH: 44 base pairs
162           (B) TYPE: nucleic acid
163           (C) STRANDEDNESS: single
164           (D) TOPOLOGY: linear
166       (ii) MOLECULE TYPE: cDNA
168      (iii) HYPOTHETICAL: NO
C--> 170      (iv) ANTI-SENSE: NO
174       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
176  TCGAGCACGC CCCGGCCCGC CCCGCCACCG CCCCAGGCAC CCCG          44
178  (2) INFORMATION FOR SEQ ID NO: 7:
180       (i) SEQUENCE CHARACTERISTICS:
181           (A) LENGTH: 23 base pairs
182           (B) TYPE: nucleic acid
183           (C) STRANDEDNESS: double
184           (D) TOPOLOGY: linear
186       (ii) MOLECULE TYPE: cDNA
188      (iii) HYPOTHETICAL: NO
C--> 190      (iv) ANTI-SENSE: NO
194       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
196  TTCTCGAGAG GGTCGGTTAC TCG          23
198  (2) INFORMATION FOR SEQ ID NO: 8:
200       (i) SEQUENCE CHARACTERISTICS:
201           (A) LENGTH: 23 base pairs
202           (B) TYPE: nucleic acid
203           (C) STRANDEDNESS: single
204           (D) TOPOLOGY: linear
206       (ii) MOLECULE TYPE: cDNA
208      (iii) HYPOTHETICAL: NO
212       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
214  TTGTCGACTC CAAGACGCCG AGC          23
216  (2) INFORMATION FOR SEQ ID NO: 9:
218       (i) SEQUENCE CHARACTERISTICS:
219           (A) LENGTH: 28 base pairs
220           (B) TYPE: nucleic acid
221           (C) STRANDEDNESS: single
222           (D) TOPOLOGY: linear
224       (ii) MOLECULE TYPE: cDNA
226      (iii) HYPOTHETICAL: NO
230       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
232  AATTCAGATC TCCATGGATC GATGAGCT          28
234  (2) INFORMATION FOR SEQ ID NO: 10:
236       (i) SEQUENCE CHARACTERISTICS:
237           (A) LENGTH: 20 base pairs
238           (B) TYPE: nucleic acid
239           (C) STRANDEDNESS: single
240           (D) TOPOLOGY: linear
242       (ii) MOLECULE TYPE: cDNA
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PATENT APPLICATION: US/09/469,812   TIME: 16:01:01

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Output Set: N:\CRF3\08232000\I469812.raw

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244     (iii) HYPOTHETICAL: NO
248     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
250 CATCGATCCA TGGAGATCTG                                            20
252 (2) INFORMATION FOR SEQ ID NO: 11:
254     (i) SEQUENCE CHARACTERISTICS:
255           (A) LENGTH: 12 base pairs
256           (B) TYPE: nucleic acid
257           (C) STRANDEDNESS: single
258           (D) TOPOLOGY: linear
261     (ii) MOLECULE TYPE: cDNA
263     (iii) HYPOTHETICAL: NO
267     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
269 GATCGGTCGA CC                                                    12
271 (2) INFORMATION FOR SEQ ID NO: 12:
273     (i) SEQUENCE CHARACTERISTICS:
274           (A) LENGTH: 23 base pairs
275           (B) TYPE: nucleic acid
276           (C) STRANDEDNESS: single
277           (D) TOPOLOGY: linear
279     (ii) MOLECULE TYPE: cDNA
281     (iii) HYPOTHETICAL: NO
285     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
287 GACGCTAAAG GCAAACTTGA TTC                                        23
289 (2) INFORMATION FOR SEQ ID NO: 13:
291     (i) SEQUENCE CHARACTERISTICS:
292           (A) LENGTH: 23 base pairs
293           (B) TYPE: nucleic acid
294           (C) STRANDEDNESS: single
295           (D) TOPOLOGY: linear
297     (ii) MOLECULE TYPE: cDNA
299     (iii) HYPOTHETICAL: NO
303     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
305 TTAACCTACT TCCTTTGGTT CCG                                        23
307 (2) INFORMATION FOR SEQ ID NO: 14:
309     (i) SEQUENCE CHARACTERISTICS:
310           (A) LENGTH: 23 base pairs
311           (B) TYPE: nucleic acid
312           (C) STRANDEDNESS: single
313           (D) TOPOLOGY: linear
315     (ii) MOLECULE TYPE: cDNA
317     (iii) HYPOTHETICAL: NO
321     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
323 AGCGGCCCAT TTTAGTAGAC GGG                                        23
325 (2) INFORMATION FOR SEQ ID NO: 15:
327     (i) SEQUENCE CHARACTERISTICS:
328           (A) LENGTH: 28 base pairs
329           (B) TYPE: nucleic acid
330           (C) STRANDEDNESS: single
331           (D) TOPOLOGY: linear
```

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              RAW SEQUENCE LISTING              DATE: 08/24/2000
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              Input Set : A:\MOG57688 US SEQ LISTING .txt
              Output Set: N:\CRF3\08232000\I469812.raw

333      (ii) MOLECULE TYPE: cDNA
335     (iii) HYPOTHETICAL: NO
339      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
341 ATCAATTCGA ACCCCAGAGT CCCGTCCA                              28
343 (2) INFORMATION FOR SEQ ID NO: 16:
345      (i) SEQUENCE CHARACTERISTICS:
346          (A) LENGTH: 21 base pairs
347          (B) TYPE: nucleic acid
348          (C) STRANDEDNESS: single
349          (D) TOPOLOGY: linear
351      (ii) MOLECULE TYPE: cDNA
353     (iii) HYPOTHETICAL: NO
357      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
359 CTGGATCGTT TCGCATGATT G                                     21
361 (2) INFORMATION FOR SEQ ID NO: 17:
363      (i) SEQUENCE CHARACTERISTICS:
364          (A) LENGTH: 27 base pairs
365          (B) TYPE: nucleic acid
366          (C) STRANDEDNESS: single
367          (D) TOPOLOGY: linear
369      (ii) MOLECULE TYPE: cDNA
371     (iii) HYPOTHETICAL: NO
375      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
377 CCAACTTATC AGTGATAAAG AATCCGC                               27
380 (2) INFORMATION FOR SEQ ID NO: 18:
382      (i) SEQUENCE CHARACTERISTICS:
383          (A) LENGTH: 27 base pairs
384          (B) TYPE: nucleic acid
385          (C) STRANDEDNESS: single
386          (D) TOPOLOGY: linear
388      (ii) MOLECULE TYPE: cDNA
390     (iii) HYPOTHETICAL: NO
394      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
396 GAGATCAGAT TGTCGTTTCC CGCCTTC                               27
399 (2) INFORMATION FOR SEQ ID NO: 19:
401      (i) SEQUENCE CHARACTERISTICS:
402          (A) LENGTH: 12 base pairs
403          (B) TYPE: nucleic acid
404          (C) STRANDEDNESS: single
405          (D) TOPOLOGY: linear
407      (ii) MOLECULE TYPE: cDNA
411      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
413 TNCAATTGAA AY                                               12
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VERIFICATION SUMMARY   DATE: 08/24/2000
PATENT APPLICATION: US/09/469,812   TIME: 16:01:02

Input Set : A:\MOG57688 US SEQ LISTING .txt
Output Set: N:\CRF3\08232000\I469812.raw

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L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:69 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:89 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:109 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:129 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:150 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:170 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:190 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
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